

oppo



Irresistible Sound



OPPO HA-2

Portable Headphone Amplifier / USB DAC

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HA-2 is a brand new Hi-Fi portable headphone amplifier and USB DAC from OPPO. It draws upon the success of the HA-1 desktop headphone amplifier and is optimized for portable use.

Featuring a hybrid class AB amplifier and a USB DAC supporting up to 384kHz PCM and DSD256 audio input, HA-2 offers high performance digital-to-analog conversion for Apple's iPhone / iPad / iPod, Android devices with USB OTG, PC and Mac computers.

Upon the ultra-slim "book" design, the HA-2 comes with all-aluminum structure combined with leather wrapped, highlighting a personalized lifestyle and offering remarkable grip comfort. HA-2 features OPPO VOOC rapid charging with 3000mAh lithium battery built in and supports power bank functionality for mobile devices, making it a true companion for music on the go.

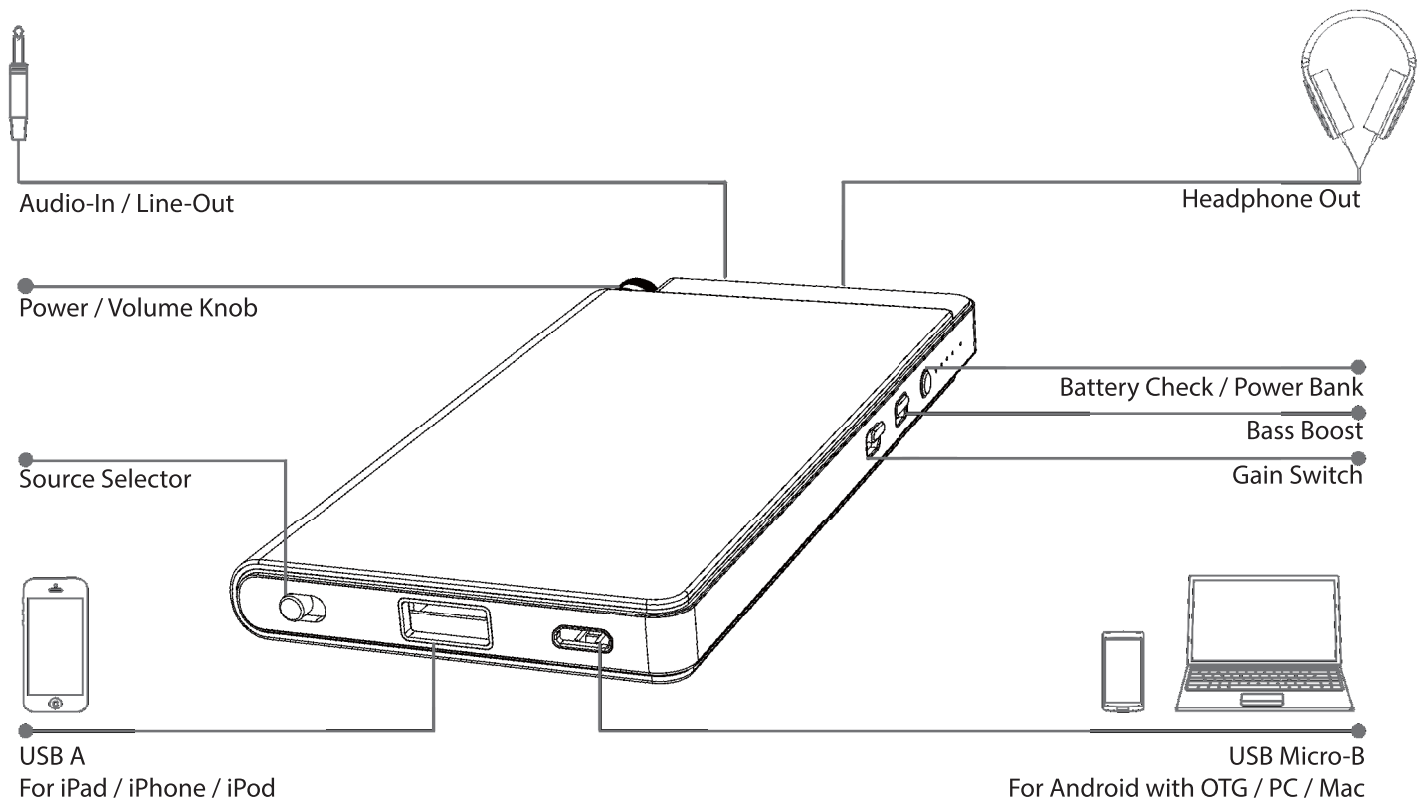


Key Features:



- Ultra-slim design combined with sturdy aluminum structure and leather wrapped
- Digital-to-Analog conversion by ESS Sabre³² Reference ES9018-K2M DAC chip
- Supports PCM audio up to 384 kHz / 32-bit, DSD audio up to 11.2 MHz
- Supports multiple device types for digital-to-analog conversion via USB:
 - iPad / iPhone / iPod
 - Android with USB OTG feature
 - PC and Mac computers
- Stereo headphone output and line-out
- Two gain settings for optimal headphone matching
- Bass boost
- 3000 mAh lithium polymer rechargeable battery
- OPPO VOOC rapid charging to recharge 70% battery in 30 mins
- Mobile power bank for charging other mobile devices

Ports and Connections



Specifications

Dimensions (W x H x D)	2.5 x 6.2 x 0.5 inches, 68 x 157 x 12 mm
Weight	6.2 oz, 175 grams
Frequency Response	20 Hz – 200 kHz
Audio-in Level	1 Vrms
Line-out Level	1 Vrms
Maximum Headphone Output Power	300 mW into 16 Ohm; 220 mW into 32 Ohm; 30 mW into 300 Ohm;
Output Jacks	3.5 mm stereo headphone; 3.5 mm stereo line-out;
Input Ports	3.5 mm stereo audio-in; USB A; USB micro -B;
DAC Chip	ESS Sabre ³² Reference ES9018 -K2M
Input Format	Stereo PCM, Stereo DSD (DoP v1.1 or native)
PCM Sampling Frequencies	44.1 kHz - 384 kHz, 16 / 24 / 32 -bit
DSD Sampling Frequencies	2.8224 MHz (DSD64), 5.6448 MHz (DSD128), 11.2896 MHz (DSD256, native mode only)
Profile	USB 2.0, USB Audio 2.0
Built-in Battery type	3000 mAh lithium polymer rechargeable battery
Battery Operation Time	Approx. 13 hours for analog source via Audio-in; Approx. 7 hours for digital sources via USB
Charging Time	Approx. 1 hour 30 minutes